

COATED STENT WITH ULTRASOUND THERAPY

ABSTRACT OF THE DISCLOSURE

Methods and apparatus for inhibiting hyperplasia following stent placement are provided. The stents will be coated with pharmaceutical agent(s) and the methods provide for directing vibrational energy at the implanted stents or the blood vessel walls or region of implantation. The vibrational energy can have one or more of several beneficial effects. The vibrational energy may directly inhibit hyperplasia, may effect or modulate release of agent from the stent, or may enhance permeability of the blood vessel wall.

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